

Lichttechnischer Prüfbefund

Familie
Licross® 11 Recessed

Bestell-Nr.: 51TL1WDV5M2M
EAN: 4069025448156

LP-Nummer
59521_69



Ausführung Abdeckung satiniert, breit strahlend
Bestückung LED 5000 K | CRI ≥ 80
Betriebsgerät EVG-DALI
Bemessungswerte Nettolichtstrom = 27040 lm
 Systemleistung = 150.5 W
 Lichtausbeute = 179.7 lm/W

Seriendokumentation
16.05.2025

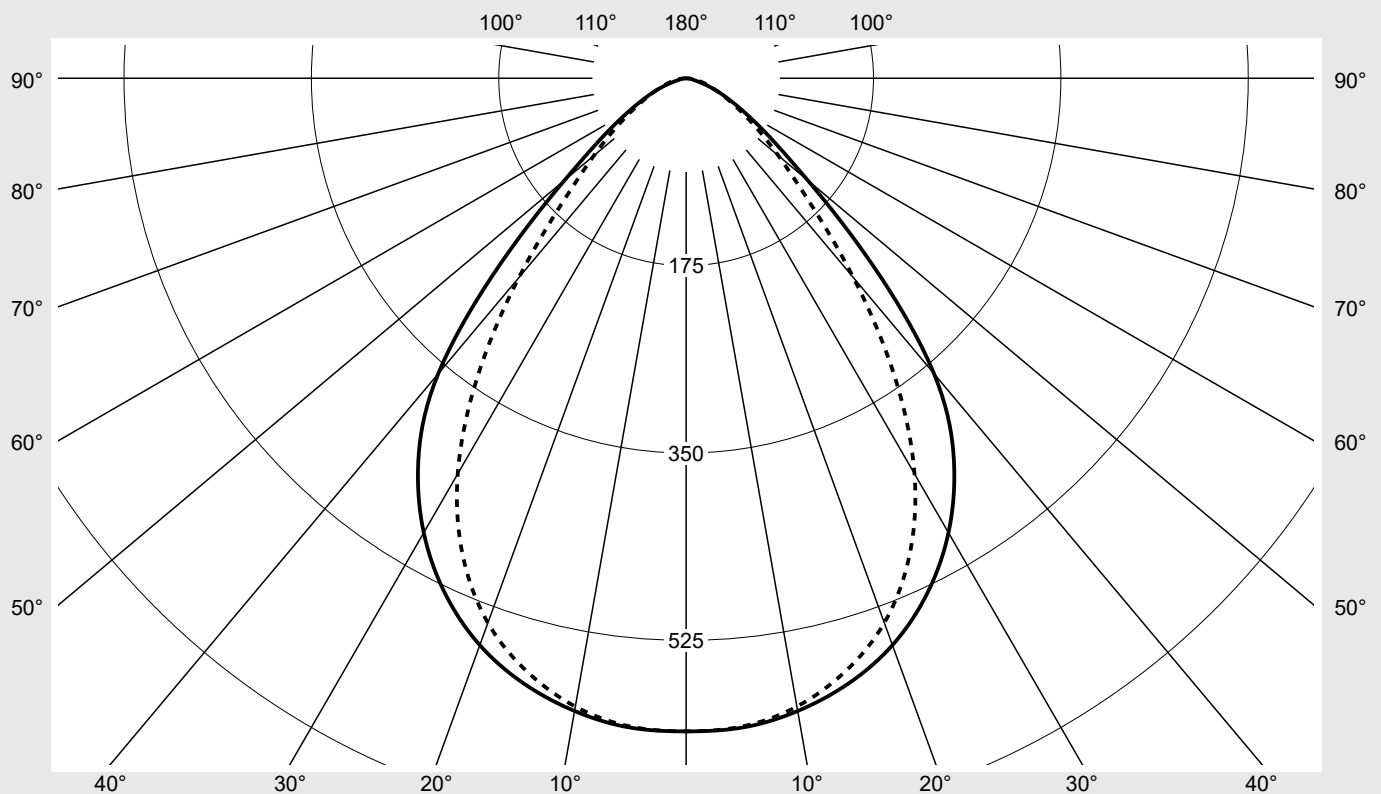
siteco

Lichtstärke in cd/klm

C180-0

C270-90

Imax: 610 cd/klm



Klassifizierungen

DIN 5040 A 5 0
 CIE N1=73 N2=94 N3=99
 N4=100 N5=100

Leuchtenbetriebswirkungsgrade

η_{LB} 100,0%
 ϕ_u 100,0%
 ϕ_o 0,0%

Messbedingungen

DIN EN 13032 und DIN 5032

Lichttechnischer Prüfbefund

Familie Licross® 11 Recessed	Bestell-Nr.: 51TL1WDV5M2M EAN: 4069025448156	LP-Nummer 59521_69
--	---	-------------------------------------

Wertetabelle Lichtstärkemessung	Maximale Lichtstärke	sITeco
--	-----------------------------	---------------

C- Ebenen	0° 180°	15°	30°	45°	60°	75°	90° 270°	Phi-Zone	Summe Phi-Zone
		165° 195° 345°	150° 210° 330°	135° 225° 315°	120° 240° 300°	105° 255° 285°			
Lichtstärke in cd/klm									
γ								Lichtstrom in lm/klm	
0°	610.0	610.0	610.0	610.0	610.0	610.0	610.0	3.6	3.6
5°	608.6	607.6	603.5	605.7	607.8	607.2	607.6	29.0	32.6
10°	600.1	600.0	594.9	595.9	596.5	595.2	595.9	56.8	89.4
15°	585.3	585.9	578.8	577.8	576.6	573.9	573.7	82.1	171.5
20°	563.4	563.9	554.9	550.2	546.3	542.2	541.3	103.4	275.0
25°	531.8	531.9	519.6	510.4	502.3	495.0	493.0	118.6	393.5
30°	490.1	489.9	473.2	457.8	443.0	430.6	426.6	125.7	519.3
35°	436.1	434.9	413.9	389.9	365.2	345.5	339.2	122.5	641.7
40°	360.2	357.4	334.2	303.1	273.1	250.6	243.1	106.9	748.6
45°	245.6	242.6	226.1	203.9	182.4	166.8	161.9	79.2	827.8
50°	148.2	149.1	145.2	133.7	122.4	114.2	112.6	55.6	883.4
55°	94.6	95.2	94.9	92.6	85.9	79.9	79.2	40.1	923.5
60°	61.8	62.8	63.1	63.8	60.6	55.1	54.9	28.8	952.3
65°	39.8	41.1	42.4	42.8	42.4	38.1	37.8	20.3	972.6
70°	23.6	24.8	26.8	28.2	28.2	26.4	25.7	13.6	986.2
75°	10.5	11.2	13.0	16.6	16.9	18.1	17.0	7.9	994.2
80°	5.4	5.5	5.6	6.4	8.9	11.0	9.8	4.1	998.2
85°	2.7	2.8	2.9	2.9	2.8	4.7	4.7	1.8	1000.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0

Lichttechnischer Prüfbefund

Familie Licross® 11 Recessed	Bestell-Nr.: 51TL1WDV5M2M EAN: 4069025448156	LP-Nummer 59521_69
--	---	------------------------------

UGR-Tabelle		Standardraum									
Raumabmessungen		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
x	y										
2H	2H	24,5	25,9	24,8	26,2	26,5	23,2	24,6	23,6	24,9	25,2
	3H	24,7	26,0	25,1	26,3	26,7	23,6	24,9	24,0	25,2	25,6
	4H	24,8	25,9	25,2	26,3	26,6	23,8	25,0	24,2	25,3	25,7
	6H	24,8	25,8	25,2	26,2	26,6	23,9	25,0	24,3	25,4	25,7
	8H	24,8	25,7	25,2	26,1	26,5	24,0	25,0	24,4	25,4	25,8
	12H	24,8	25,7	25,2	26,1	26,5	24,0	24,9	24,5	25,3	25,7
4H	2H	24,6	25,8	25,0	26,1	26,5	23,5	24,6	23,9	25,0	25,4
	3H	25,0	25,9	25,4	26,3	26,7	24,0	25,0	24,5	25,4	25,8
	4H	25,0	25,9	25,4	26,3	26,7	24,3	25,1	24,7	25,6	26,0
	6H	25,0	25,7	25,5	26,2	26,6	24,5	25,2	25,0	25,7	26,1
	8H	25,0	25,7	25,5	26,1	26,6	24,6	25,2	25,0	25,7	26,2
	12H	25,0	25,6	25,5	26,0	26,5	24,6	25,2	25,1	25,7	26,2
8H	4H	25,0	25,7	25,5	26,1	26,6	24,3	25,0	24,8	25,4	25,9
	6H	25,0	25,6	25,5	26,0	26,5	24,6	25,1	25,1	25,6	26,1
	8H	25,0	25,5	25,5	26,0	26,5	24,7	25,2	25,2	25,7	26,2
	12H	25,0	25,4	25,6	25,9	26,5	24,8	25,2	25,3	25,7	26,2
12H	4H	25,0	25,6	25,5	26,1	26,5	24,3	24,9	24,8	25,4	25,9
	6H	25,0	25,5	25,5	26,0	26,5	24,6	25,0	25,1	25,5	26,0
	8H	25,0	25,4	25,5	25,9	26,5	24,7	25,1	25,2	25,6	26,1

Leuchtdichten-Tabelle Max. für $\gamma \geq 65^\circ$

Lichttechnische Abmessungen in mm: L = 2250, B = 58

C-Ebenen	γ	Leuchtdichte in cd/m ²						
		0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°
45°	71977.7	71102.4	66245.7	59758.4	53442.7	48888.1	47436.2	
50°	47757.2	48066.7	46798.2	43097.6	39452.5	36799.6	36293.5	
55°	34161.0	34387.2	34292.1	33441.4	31021.0	28856.8	28609.4	
60°	25596.2	26006.1	26166.4	26450.3	25096.0	22845.8	22756.7	
65°	19531.9	20126.7	20775.3	20996.4	20807.2	18661.7	18544.5	
70°	14270.7	15005.0	16225.7	17063.0	17076.9	15973.7	15583.5	
75°	8440.4	8932.0	10428.2	13307.1	13545.7	14474.3	13644.9	
80°	6499.6	6570.0	6689.3	7695.2	10601.9	13173.3	11698.5	
85°	6516.4	6642.4	6782.7	6906.3	6573.5	11057.2	11057.2	

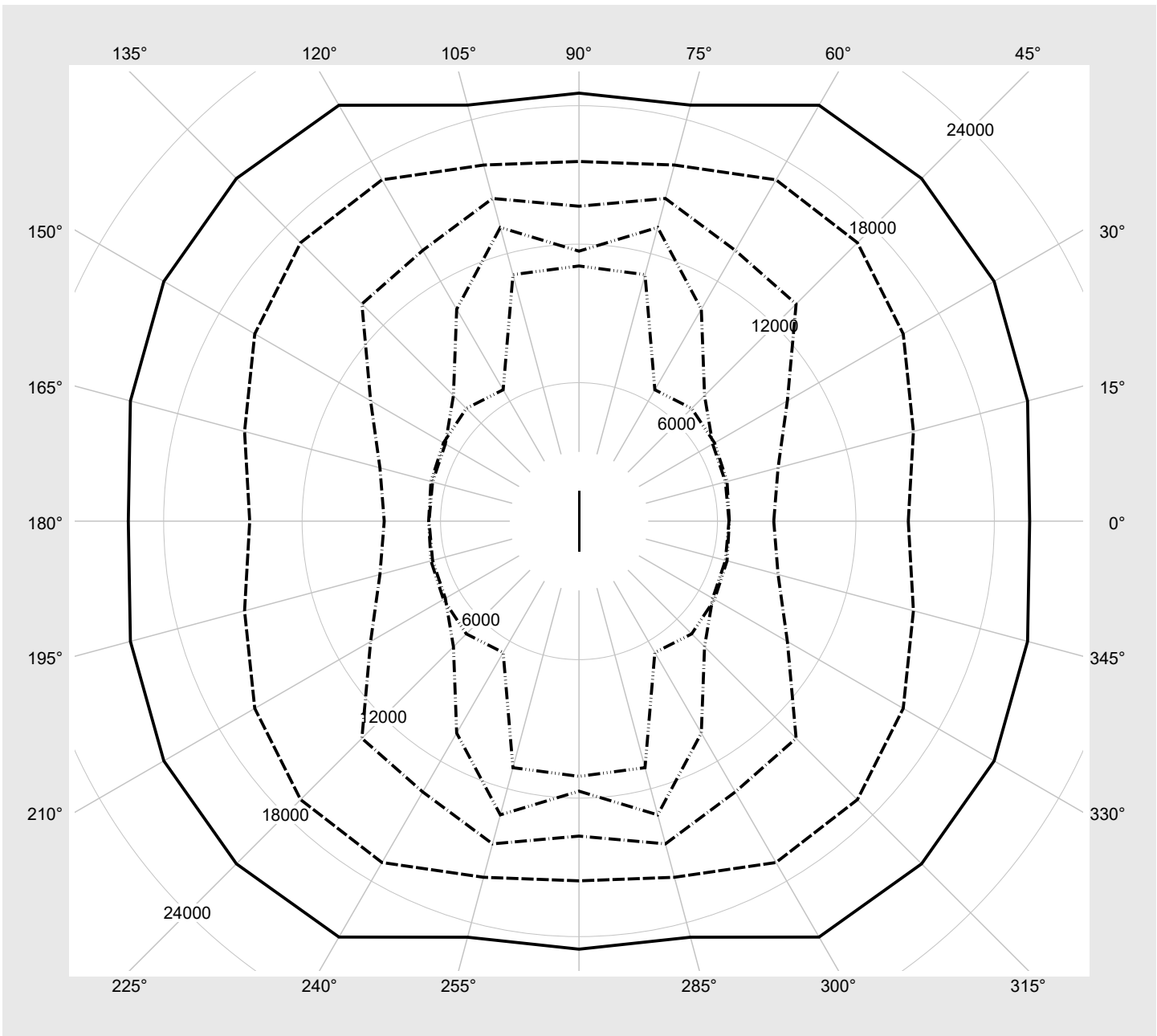
Lichttechnischer Prüfbefund

Familie Licross® 11 Recessed	Bestell-Nr.: 51TL1WDV5M2M EAN: 4069025448156	LP-Nummer 59521_69
--	---	-------------------------------------

Leuchtdichten in cd/m²

γ 65°	γ 70°	γ 75°	γ 80°	γ 85°
--------------	--------------	--------------	--------------	--------------

siteco



Lichttechnischer Prüfbefund

Familie Licross® 11 Recessed	Bestell-Nr.: 51TL1WDV5M2M EAN: 4069025448156	LP-Nummer 59521_69
--	---	-------------------------------------

Dimmstufen-Tabelle	Umgebungstemperatur: 25°C	sITeco
---------------------------	---------------------------	---------------

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W]
100	254	254	27040	150.5
95	240	252	25662	141.7
90	226	250	24319	133.0
85	212	247	22941	124.4
80	199	245	21642	116.4
75	186	243	20329	108.5
70	172	240	18897	100.2
65	159	237	17554	92.6
60	146	234	16196	85.0
55	133	230	14829	77.5
50	121	227	13556	70.7
45	108	223	12162	63.2
40	96	218	10860	56.4
35	83	213	9434	49.0
30	71	207	8103	42.2
25	59	201	6758	35.3
20	47	192	5405	28.6
15	35	181	4036	21.7
10	23	166	2654	14.6
5	12	142	1379	7.9
2	4	102	442	2.8